

Luminaire

Code 90675L150

Name ELI SQ /W L150 PB 940 60° LO

Measurem.

Code 5/9/2023

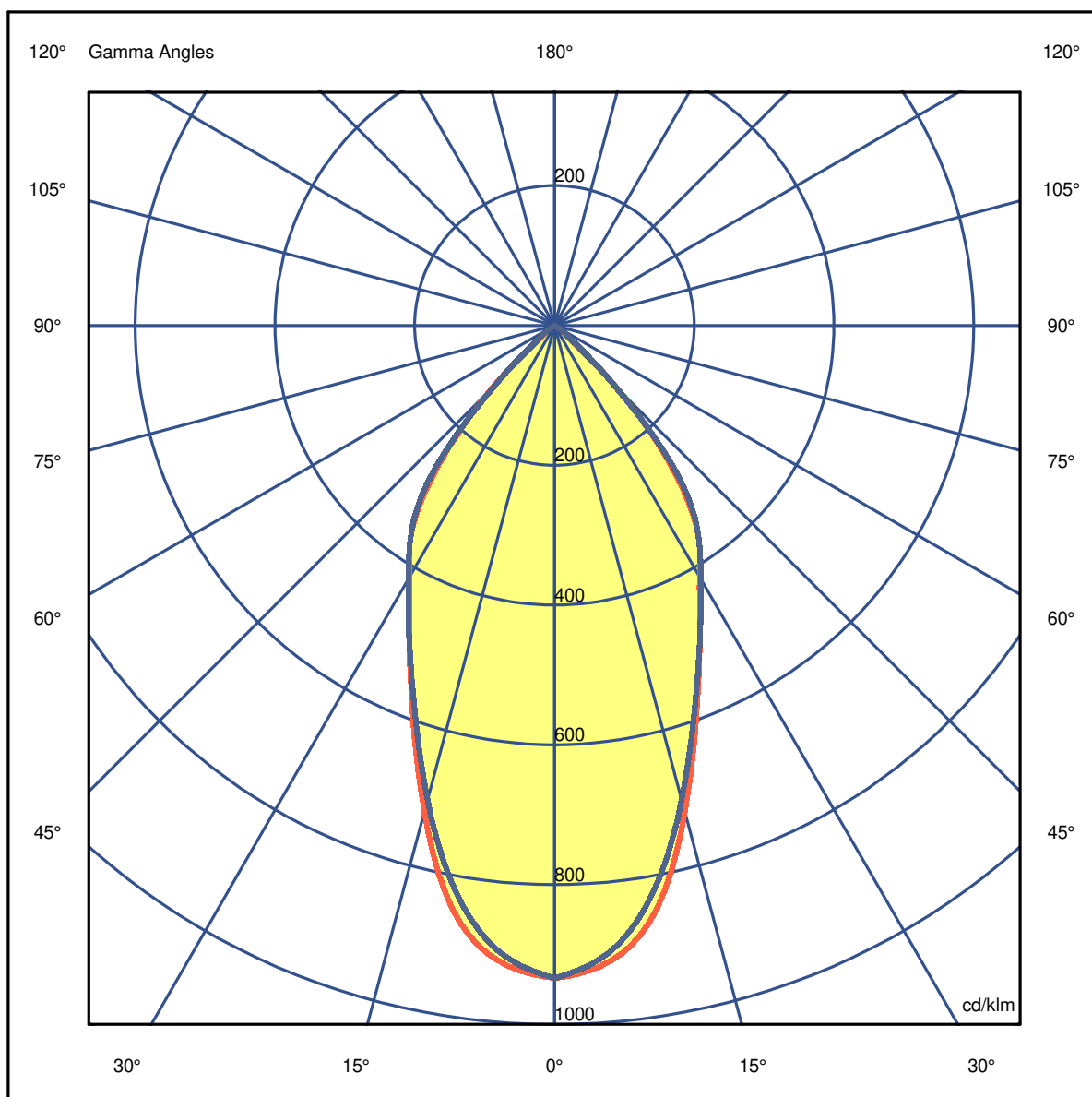
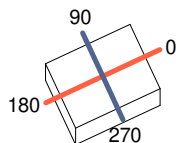
Name ELI SQ /W L150 PB 940 60° LO

Luminaire Flux	707 lm	Luminaire Power	6.5 W	Efficacy	109.341 lm/W	Efficiency	84.22%
Source Flux	840 lm	Maximum value	933.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

80mm x 105mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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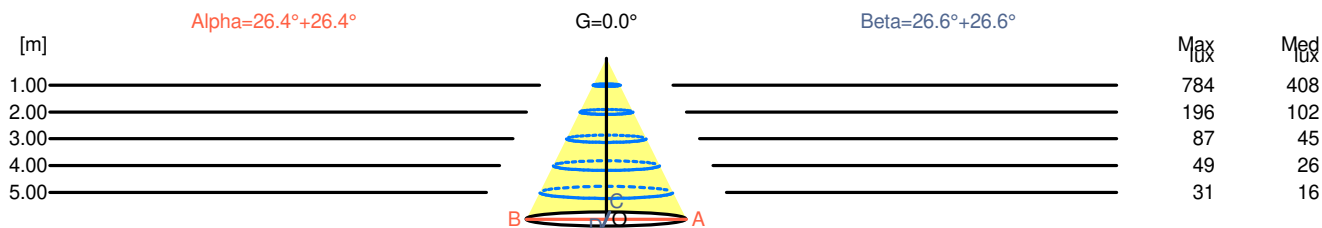
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.50	0.99	1.49	1.99	2.49	OC	0.50	1.00	1.50	2.00	2.50
OB	0.50	0.99	1.49	1.99	2.49	OD	0.50	1.00	1.50	2.00	2.50

	0	5	15	25	35	45	55	65	75	85
OA	784.48	766.84	605.14	413.03	298.79	104.92	13.19	0.67	0.00	0.00
OB	784.48	766.84	605.14	413.03	298.79	104.92	13.19	0.67	0.00	0.00
OC	784.48	755.92	590.27	413.78	299.63	100.55	14.28	0.34	0.00	0.00
OD	784.48	755.92	590.27	413.78	299.63	100.55	14.28	0.34	0.00	0.00



H[m]	D[m]	Max lux	Med lux	Alpha=26.4°+26.4°	G=0.0
1.00	0.99	784	408		
2.00	1.99	196	102		
3.00	2.98	87	45		
4.00	3.98	49	26		
5.00	4.97	31	16		

H[m]	D[m]	Max lux	Med lux	Beta=26.6°+26.6°	G=0.0
1.00	1.00	784	408		
2.00	2.00	196	102		
3.00	3.00	87	45		
4.00	4.01	49	26		
5.00	5.01	31	16		

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Source Flux	840 lm	Maximum value	933.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

UGR

S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Lateral View					Viewed Endwise					
x=2H y=2H	17.6	18.4	17.9	18.6	18.8	17.7	18.4	17.9	18.6	18.8
x=2H y=3H	17.5	18.2	17.8	18.4	18.7	17.5	18.2	17.8	18.4	18.7
x=2H y=4H	17.4	18.1	17.7	18.3	18.6	17.4	18.1	17.8	18.3	18.6
x=2H y=6H	17.4	18.0	17.7	18.2	18.5	17.4	18.0	17.7	18.2	18.5
x=2H y=8H	17.3	17.9	17.7	18.2	18.5	17.3	17.9	17.7	18.2	18.5
x=2H y=12H	17.3	17.8	17.6	18.1	18.5	17.3	17.8	17.6	18.1	18.5
x=4H y=2H	17.4	18.1	17.8	18.3	18.6	17.4	18.1	17.8	18.4	18.6
x=4H y=3H	17.3	17.8	17.6	18.1	18.5	17.3	17.8	17.7	18.1	18.5
x=4H y=4H	17.2	17.7	17.6	18.0	18.4	17.2	17.7	17.6	18.0	18.4
x=4H y=6H	17.1	17.5	17.5	17.9	18.3	17.2	17.5	17.6	17.9	18.3
x=4H y=8H	17.1	17.5	17.5	17.8	18.2	17.1	17.5	17.5	17.8	18.2
x=4H y=12H	17.1	17.4	17.5	17.8	18.2	17.1	17.4	17.5	17.8	18.2
x=8H y=4H	17.1	17.5	17.5	17.8	18.2	17.1	17.5	17.5	17.8	18.2
x=8H y=6H	17.0	17.3	17.5	17.7	18.2	17.0	17.3	17.5	17.7	18.2
x=8H y=8H	17.0	17.2	17.5	17.7	18.1	17.0	17.2	17.5	17.7	18.1
x=8H y=12H	16.9	17.1	17.4	17.6	18.1	16.9	17.1	17.4	17.6	18.1
x=12H y=4H	17.1	17.4	17.5	17.8	18.2	17.1	17.4	17.5	17.8	18.2
x=12H y=6H	17.0	17.2	17.5	17.7	18.1	17.0	17.2	17.5	17.7	18.1
x=12H y=8H	16.9	17.1	17.4	17.6	18.1	16.9	17.1	17.4	17.6	18.1

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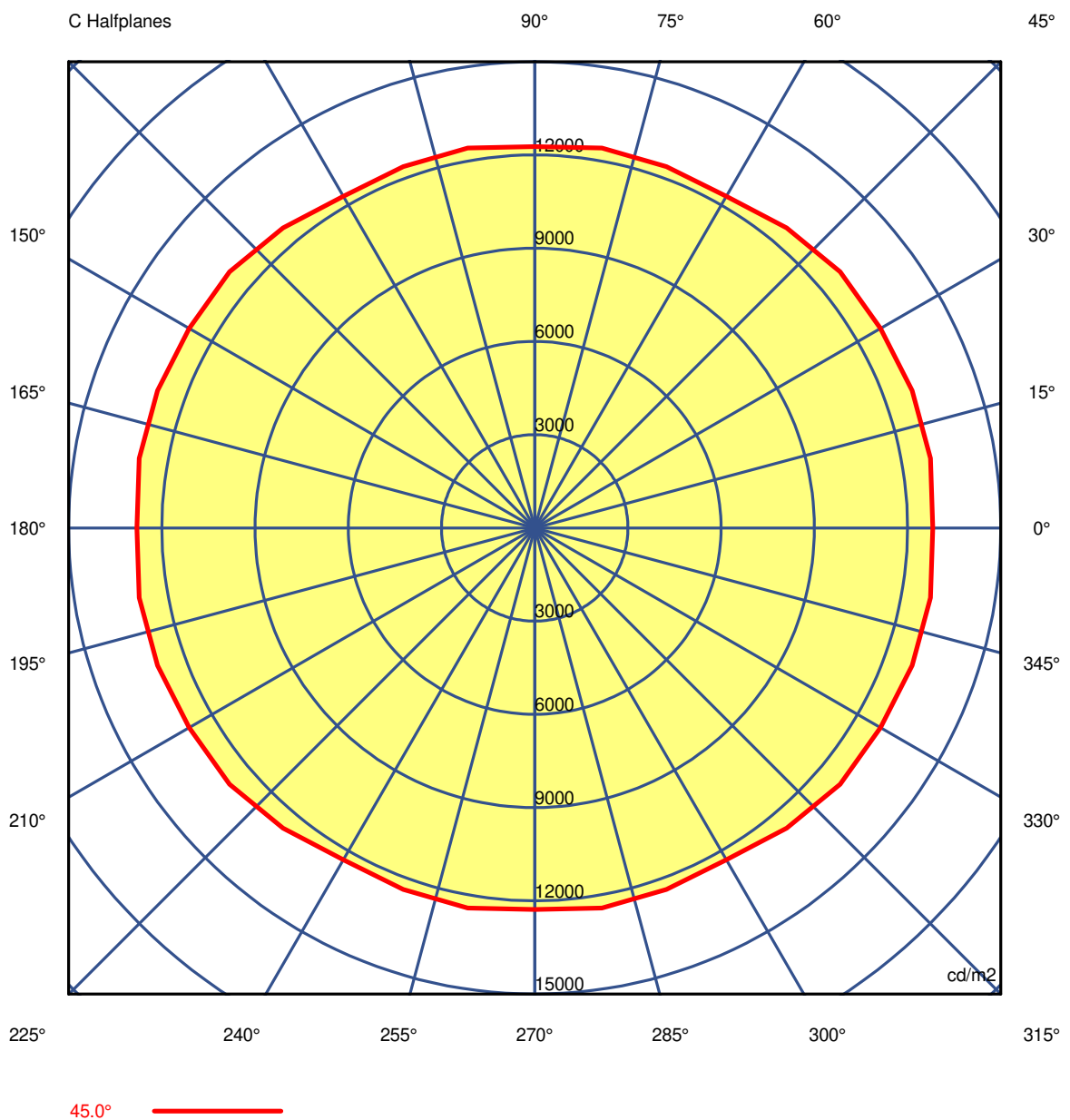
Measurem.

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Luminaire Flux	707 lm	Luminaire Power	6.5 W	Efficacy	109.341 lm/W	Efficiency	84.22%
Source Flux	840 lm	Maximum value	933.90 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measur.

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Luminaire Flux	707 lm		Luminaire Power		6.5 W		Efficacy		109.341 lm/W		Efficiency		84.22%
Source Flux	840 lm		Maximum value		933.90 cd/klm		Position		C=0.00 G=0.00		CG Double Symmetrical		
Luminance cd/m2 Table 1/3													
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	168464	168464	168464	168464	168464	168464	168464	168464	168464	168464	168464	168464	168464
G 5.0	146262	145937	145925	145958	144964	144354	144307	143780	143628	144179	143628	143780	144307
G 10.0	122766	122383	122106	121721	120856	119771	118964	118818	118937	119037	118937	118818	118964
G 15.0	96182	95842	95550	95274	94874	94093	93312	93275	93561	93819	93561	93275	93312
G 20.0	73902	73762	73616	73491	73359	72842	72270	72427	72755	72893	72755	72427	72270
G 25.0	57774	57695	57721	57750	57564	57281	57127	57269	57562	57879	57562	57269	57127
G 30.0	46539	46564	46641	46707	46629	46462	46359	46466	46657	46841	46657	46466	46359
G 35.0	38358	38203	38323	38488	38216	38071	38078	38116	38231	38466	38231	38116	38078
G 40.0	26629	26568	26628	26776	26872	26962	27121	27367	27553	27635	27553	27367	27121
G 45.0	12806	12930	12926	12847	12823	12607	12324	12375	12417	12272	12417	12375	12324
G 50.0	2833	2956	3012	3046	3135	3075	2944	3055	3217	3309	3217	3055	2944
G 55.0	1580	1600	1652	1741	1755	1721	1691	1694	1706	1711	1706	1694	1691
G 60.0	252	225	199	192	221	230	212	212	212	212	212	212	212
G 65.0	81	48	44	61	61	66	81	86	71	41	71	86	81
G 70.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Source Flux		840 lm		Maximum value		933.90 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														Table 2/3	
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00		
G 0.0	168464	168464	168464	168464	168464	168464	168464	168464	168464	168464	168464	168464	168464	168464	168464
G 5.0	144354	144964	145958	145925	145937	146262	145937	145925	145958	144964	144354	144307	143780	144307	143780
G 10.0	119771	120856	121721	122106	122383	122766	122383	122106	121721	120856	119771	118964	118818	118964	118818
G 15.0	94093	94874	95274	95550	95842	96182	95842	95550	95274	94874	94093	93312	93275	93312	93275
G 20.0	72842	73359	73491	73616	73762	73902	73762	73616	73491	73359	72842	72270	72427	72270	72427
G 25.0	57281	57564	57750	57721	57695	57774	57695	57721	57750	57564	57281	57127	57269	57127	57269
G 30.0	46462	46629	46707	46641	46564	46539	46564	46641	46707	46629	46462	46359	46466	46359	46466
G 35.0	38071	38216	38488	38323	38203	38358	38203	38323	38488	38216	38071	38078	38116	38078	38116
G 40.0	26962	26872	26776	26628	26568	26629	26568	26628	26776	26872	26962	27121	27367	27121	27367
G 45.0	12607	12823	12847	12926	12930	12806	12930	12926	12847	12823	12607	12324	12375	12324	12375
G 50.0	3075	3135	3046	3012	2956	2833	2956	3012	3046	3135	3075	2944	3055	2944	3055
G 55.0	1721	1755	1741	1652	1600	1580	1600	1652	1741	1755	1721	1691	1694	1691	1694
G 60.0	230	221	192	199	225	252	225	199	192	221	230	212	212	212	212
G 65.0	66	61	61	44	48	81	48	44	61	61	66	81	86	81	86
G 70.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	168464	168464	168464	168464	168464	168464	168464	168464	168464	168464
G 5.0	143628	144179	143628	143780	144307	144354	144964	145958	145925	145937
G 10.0	118937	119037	118937	118818	118964	119771	120856	121721	122106	122383
G 15.0	93561	93819	93561	93275	93312	94093	94874	95274	95550	95842
G 20.0	72755	72893	72755	72427	72270	72842	73359	73491	73616	73762
G 25.0	57562	57879	57562	57269	57127	57281	57564	57750	57721	57695
G 30.0	46657	46841	46657	46466	46359	46462	46629	46707	46641	46564
G 35.0	38231	38466	38231	38116	38078	38071	38216	38488	38323	38203
G 40.0	27553	27635	27553	27367	27121	26962	26872	26776	26628	26568
G 45.0	12417	12272	12417	12375	12324	12607	12823	12847	12926	12930
G 50.0	3217	3309	3217	3055	2944	3075	3135	3046	3012	2956
G 55.0	1706	1711	1706	1694	1691	1721	1755	1741	1652	1600
G 60.0	212	212	212	212	212	230	221	192	199	225
G 65.0	71	41	71	86	81	66	61	61	44	48
G 70.0	0	0	0	0	0	0	0	0	0	0
G 75.0	0	0	0	0	0	0	0	0	0	0
G 80.0	0	0	0	0	0	0	0	0	0	0
G 85.0	0	0	0	0	0	0	0	0	0	0
G 90.0	0	0	0	0	0	0	0	0	0	0